ID :506 Garjiya Pedestrain Bridge on Kosi River __ __ __ __ __

on Chainage 0.900 of Ranikhet Ramnagar Road to Garjiya Mandir Road

In District Nanital Under CD Ramnagar Division

Bridge Inventory Report

Division: CD Ramnagar

Data not-yet finalized

General
Name of Division : 11
Revenue Block Name : 81
Chainage (at Mid Point) : 0.900
Road/ Segment Name : 422
Bridge Type : Pedestrain Bridge
Structure No : 1/2
Feature Intersected : Koshi River
Name of Bridge : Garjiya Pedestrain Bridge on Kosi River
Nearest Town : Ramnaga
Latitude (Northing) : 29.49410000
Longitude (Easting) : 79.14030000
Construction Year : 2011
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 72.00
Total No of Span : 2
Maximuam Span (in meter) : 36.00
Span Arragment : 2x36m
No of Lane : 2.000
Overall Width (m) : 5.500
Carriageway Width (m) : 5.000
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 5.000
Gradient (%age) : 2
Skew Angle (degree) : 3.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level :
OFL Ordinary Flood Level :
LWL Low Water Level :
Design Velocity (m/Sec) :
Design Discharge (Cumecs) :
Soffit Level at Centre :
Road Level at Centre :
Design Scour Level at Pier :
Design Scour Level at Abutments :
Exposure Condition : Moderate

Seismic Importance factor : 1.0
Design Loading : Footpath Live Load
Load Rating : Footpath Live Load
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Reinforced Elastomeric Joint
Railing/Crash Barrier type : Steel rolled section
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Well
Pier Foundation Type : Open
No of Piers : 1
Abutment Type : RCC Box type
Pier Type : RCC Solid
Protection Work
Bank Protection Left Side of Up-stream : no protection work provided
Bank Protection Right Side of Up-stream : no protection work provided
Bank Protection Left Side of Down-stream : no protection work provided
Bank Protection Right Side of Down-stream : no protection work provided
Floor Protection on Up-stream : no protection work provided
Floor Protection on Down-stream : no protection work provided
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : S.P. Dhasmana

